

## CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512**NOTICE OF PROPOSED AWARDS****Improving Energy Efficiency in California's Food Processing and Dairy Processing Industry RD&D Grant PON-08-007  
August 13, 2009**

On December 22, 2008, the California Energy Commission's PIER Industrial/Agriculture/Water Program released a grant solicitation entitled "Improving Energy Efficiency in California's Food Processing and Dairy Processing Industry." The solicitation was to fund technologies and/or scientific advances that will significantly reduce energy and water use in California's food processing and dairy processing industries. Approximately \$2 million of FY 2008/2009 PIER Electricity funding was available under this solicitation.

The proposals were screened, reviewed, evaluated, and scored using the criteria prescribed in the solicitation. Based on the Review Team's scores and suggested funding level, the Energy Commission's Research, Development, and Demonstration (RD&D) Committee proposes to award over \$2,814,185 and fund the top eight passing projects for this solicitation. The solicitation was augmented with 2008/2009 PIER Natural Gas funding to reach a total of \$2,814,185. This Notice of Proposed Awards is hereby issued pursuant to the RD&D Committee recommendations.

The attached table, Public Interest Energy Research Program (PIER) Notice of Proposed Awards and Results of Submitted Proposals, identifies the applicants recommended to receive funding, the project title, the amount of recommended funding by the RD&D Committee, and scoring information.

Final approval of these awards rests with the Energy Commission, which will consider each project recommended by the RD&D Committee during a publicly noticed Business Meeting at the Energy Commission in Sacramento, California.

This notice is being mailed to all parties who submitted a proposal to this solicitation and is also posted on the Energy Commission website as follows:

<http://www.energy.ca.gov/contracts/>

Persons wishing further information about this matter may contact Rajesh Kapoor at (916) 654-4611, [rkapoor@energy.state.ca.us](mailto:rkapoor@energy.state.ca.us).

\_\_\_\_\_/Signed/\_\_\_\_\_  
KAREN DOUGLAS  
Chairman

**California Energy Commission**  
**Public Interest Energy Research Program (PIER)**  
**Notice of Proposed Awards**  
**and Results of Submitted Proposals**

**DRAFT**

PON-08-007

Research, Development and Demonstration Grants for Energy Efficiency in  
California's Food Processing & Dairy Processing Industry

Proposal Number	Applicant	Title	Funding Amount Requested	Recommended Funding	Match Funds Pledged	Total Score	Rank
<b>Proposed Award</b>							
9	The Regents of the University of California, Davis	Development of Sustainable Infrared Dry Peeling Technology for Tomatoes	\$324,250.00	\$324,250.00	\$84,000.00	114.0	1
2	Grimmway Enterprises	Innovative Biomass Drying and Neutraceutical Extraction	\$399,949.00	\$399,949.00	\$732,928.00	111.8	2
6	Abengoa Solar Inc	Advanced Energy Delivery for Food Processing: Direct Steam Generation in Parabolic Trough Solar Collectors	\$396,984.00	\$396,984.00	\$103,493.00	111.5	3
5	Gas Technology Institute (GTI)	Integrated Waste Heat and Wastewater Recovery DOME for Food Processing Applications	\$400,000.00	\$400,000.00	\$125,000.00	111.2	4
8	USDA-ARS Western Regional Research Center	Demonstration of New Efficient Infrared Drying and Blanching Technologies for Fruits and Vegetables	\$235,000.00	\$235,000.00	\$60,000.00	110.2	5
1	Fiscalini Farms, L.P.	Fiscalini Farms Renewable Energy Research Project	\$399,625.00	\$399,625.00	\$544,150.00	106.5	6
4	California Oils Corporation	Demonstration of Industrial Solar Water Heating System to reduce natural gas demand in Food Processing Environment	\$276,975.00	\$276,975.00	\$184,650.00	104.9	7

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<b>Proposed Award</b>							
7	Gas Technology Institute (GTI)	Solar Assisted Gas Hot Water Heating for Food Processing Industry	\$381,402.00	\$381,402.00	\$123,444.00	101.5	8
Totals			\$2,814,185.00	\$2,814,185.00	\$1,957,665.00		

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<b>Disqualified by Score</b>						
3	Lawrence Berkeley National Laboratory	Evaluate and Improve Efficiency of Energy and Water usage in California's Dairy Processing Industry	\$400,000.00	\$106,000.00	82.1	Did Not Pass
10	Petaluma Creamery	Mechanical Vapor Recompression System for Dairy Processing Facility	\$400,000.00	\$600,000.00	74.5	Did Not Pass
Totals			\$800,000.00	\$706,000.00		